

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: Jensen Creek Spring Chinook Acclimation Pond
2. Name of applicant: Puyallup Tribal Fisheries
3. Address and phone number of applicant and contact person: Russ Ladley, 6824 Pioneer Way E. Puyallup WA 98371. 253 680 5568
4. Date checklist prepared: Aug 24, 2011
5. Agency requesting checklist: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
6. Proposed timing or schedule (including phasing, if applicable): We hope to initiate construction by the last week of September, go for 3 weeks and conclude by mid October, 2011.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. The only plans are continued seasonal operations of the facility. Typically, fish will be reared from Mid March through May.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. Nothing else has been prepared directly related to this project. However, a number of studies and site investigations have been prepared for the surrounding landscape and directed at forest practices.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. NO

10. List any government approvals or permits that will be needed for your proposal, if known. Only an HPA and PC shorelines exemption.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Puyallup Tribal Fisheries intends to construct this proposed pond to replace the Mineral Creek Pond located upstream that served the purpose of Chinook enhancement for 14 years before the access road to it was lost to flood waters. The pond serves a critical role in the recovery of White River spring Chinook. Because it is the lowest elevation acclimation pond in the network of five ponds it provides for year around access and early release of Chinook from our hatchery system. The project impact area measures roughly 1/3 of an acre.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The site can be reached by traveling east from Enumclaw on SR 410 for approximately 10 miles and then turning right (south) onto Forest Road 6000. Follow downhill 0.4 miles to Bridge over White River. Continue on 6000 line for 3.6 miles to Jensen Creek Bridge. The water intake structure will be placed immediately downstream of the 6000 Road Bridge from Jensen Creek. Diverted water will then run 300' through a ductile iron pipeline to the pond site.

¼ Section	Section	Township	Range
SE	16	19N	08E
47° 07' 41.75" / 121°48' 08.02"			

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B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, X rolling, hilly, steep slopes, mountainous,
othersite is forested with flat and rolling land.
- b. What is the steepest slope on the site (approximate percent slope)? Approx. 10%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. Soils type is primarily sand overlaid by forest duff.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

No fill is involved with this project other than using crushed gravel for the access road surfacing.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

It is possible but given the time frame and forested nature of the site which will remain largely intact, erosion is unlikely.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? Less than 1% will be impervious and this consists entirely of the concrete outlet structure (dam).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: We will minimize the project footprint and utilize standard TESC measures.

i.

a. **Air**

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Exhaust from an excavator will be the only source of emissions for the project.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. NO

c. Proposed measures to reduce or control emissions or other impacts to air, if any: None

3. Water**a. Surface:**

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. Yes, Jensen Creek is an ephemeral stream that will be used for the pond water supply. The Clearwater River is located approximately 100 yards west of the pond entrance. The pond will discharge to the river via an existing backwater channel.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. Yes, see plans attached to JARPA submittal. The pond will be excavated from an existing depression located within 200 yards of the Clearwater River.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. No fill will be removed from wetlands. The jeadbox will be placed in the dry creek channel and will require the temporary excavation of 10 cubic yards of material. The ponds will require removal of 300 cubic yards of material which will be used to build a berm around the pond.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. Yes, Jensen Creek will serve as the water supply of the pond for the duration of the rearing period which is typically 2.5 months. 2- cfs of flow is needed to supply the pond.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
No

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. No

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow?

Will this water flow into other waters? If so, describe. Discharge from the pond will flow **into** the Clearwater river.

A surface connection is necessary to ensure that the Chinook smolts can safely emigrate to the Clearwater River.

- 2) Could waste materials enter ground or surface waters? If so, generally describe. No

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: The site will be hydro-seeded upon completing all earth work.

4. Plants

- a. Check or circle types of vegetation found on the site:

X_____ deciduous tree: alder, maple, aspen, other

X_____ evergreen tree: fir, cedar, pine, other

X_____ shrubs

_____ grass

_____ pasture

_____ crop or grain

_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____ water plants: water lily, eelgrass, milfoil, other

_____ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered? Some alder, maple and cottonwood trees will be removed for the pond footprint. Several alders, maples and cottonwoods will be cut to build the pond.

- c. List threatened or endangered species known to be on or near the site. Chinook and steelhead

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: None

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds yes: hawk yes, heron yes, eagle, yes songbirds, yes other:

mammals: deer, bear, elk, beaver, other: Yes to all mammals listed

fish: bass, salmon, trout, herring, shellfish, other: Salmon and trout are present

- b. List any threatened or endangered species known to be on or near the site. Marbled Murrelet???

- c. Is the site part of a migration route? If so, explain. Fish utilize the Clearwater River for rearing and spawning.
- d. Proposed measures to preserve or enhance wildlife, if any: None

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. No energy is needed for the project operations.
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: N/A

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. No

1) Describe special emergency services that might be required. N/A

2) Proposed measures to reduce or control environmental health hazards, if any: N/A

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? Generally logging truck traffic and chain saw noise is the only sound around.
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indi-

cate what hours noise would come from the site. Short term construction related noise from heavy equipment is the only source of noise.

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3) Proposed measures to reduce or control noise impacts, if any:None

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Commercial forest land
- b. Has the site been used for agriculture? If so, describe. The property had been in timber production for the past century.
- c. Describe any structures on the site. none
- d. Will any structures be demolished? If so, what? No
- e. What is the current zoning classification of the site? Forest lands
- f. What is the current comprehensive plan designation of the site? Forest Lands
- g. If applicable, what is the current shoreline master program designation of the site? N/A
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. No
- i. Approximately how many people would reside or work in the completed project? N/A
- j. Approximately how many people would the completed project displace? None
- k. Proposed measures to avoid or reduce displacement impacts, if any:none

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Approval from HFM the property owner.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. N/A
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
N/A
- c. Proposed measures to reduce or control housing impacts, if any: N/A

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? The fish feeder supply line poles will stand 7' above ground.
- b. What views in the immediate vicinity would be altered or obstructed? None
- c. Proposed measures to reduce or control aesthetic impacts, if any: none

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Reflection of light from the ponds water surface will be seen by no one due to the dense surrounding forest.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? No
- c. What existing off-site sources of light or glare may affect your proposal? none
- d. Proposed measures to reduce or control light and glare impacts, if any: none

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? Seasonal Hunting
- b. Would the proposed project displace any existing recreational uses? If so, describe. No
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: Signage for visitors

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. No
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. None Known
- c. Proposed measures to reduce or control impacts, if any: Observation and awareness during excavation.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. Forest Roads 6000 and 6050 which are both privately owned.
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? No. 14 miles to Enumclaw.
- c. How many parking spaces would the completed project have? How many would the project eliminate? none
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). A access road 150' in length will be built to allow fish tank trucks in to deliver fry.

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- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. *NO!*

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. *Zero*

- g. Proposed measures to reduce or control transportation impacts, if any: N/A

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No

- b. Proposed measures to reduce or control direct impacts on public services, if any. none

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. *None*

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. None

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Russ Ladley

Date Submitted: August 25, 2011

